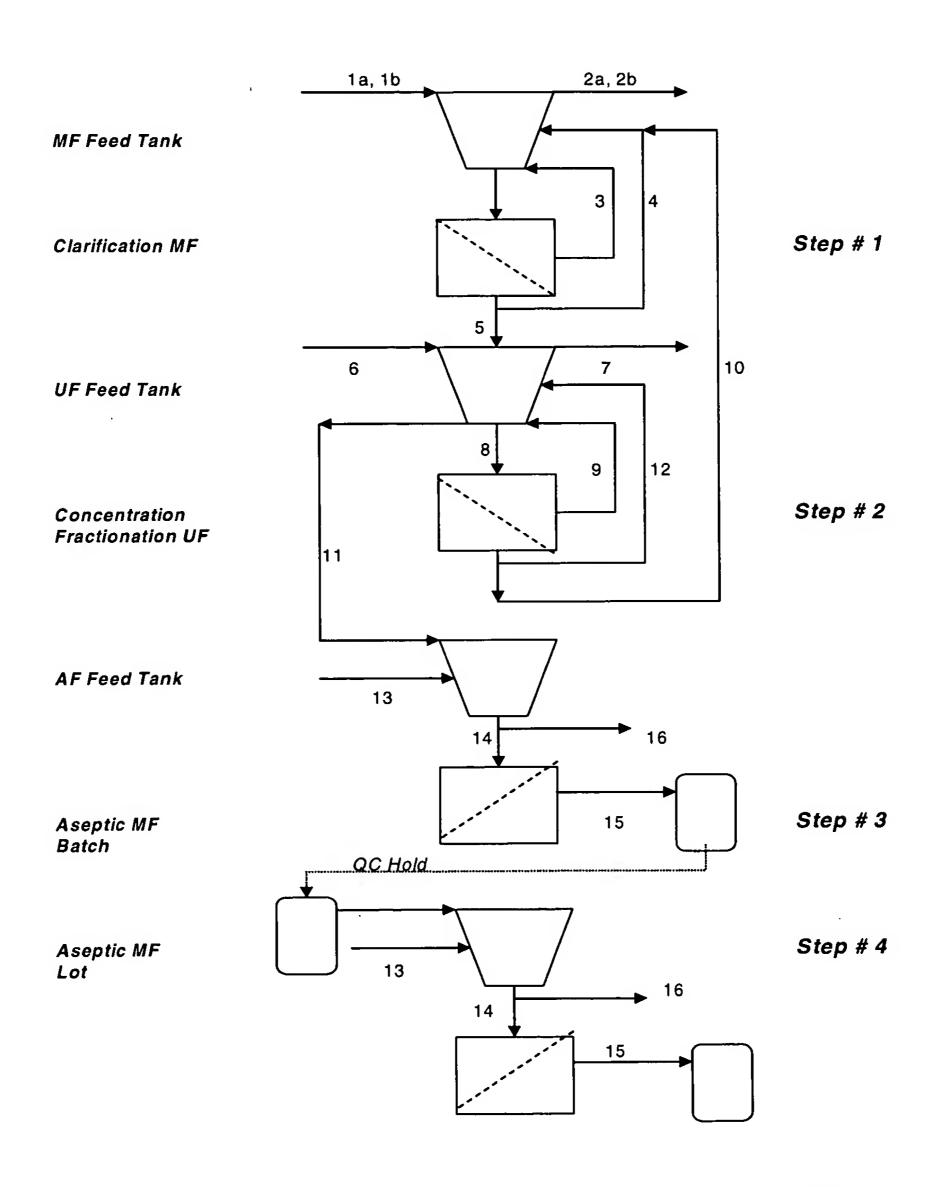
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# FIG. 1/19

#### Flow Diagram



PROCESS FLOW DIAGRAM FOR FLOW OF MATERIAL FROM FEEDSTREAM THROUGH TFF TO FILL AND FINISH

# FIG. 2/19

The equipment was assembled as follows:

Figure 2A (Microfiltration Unit):

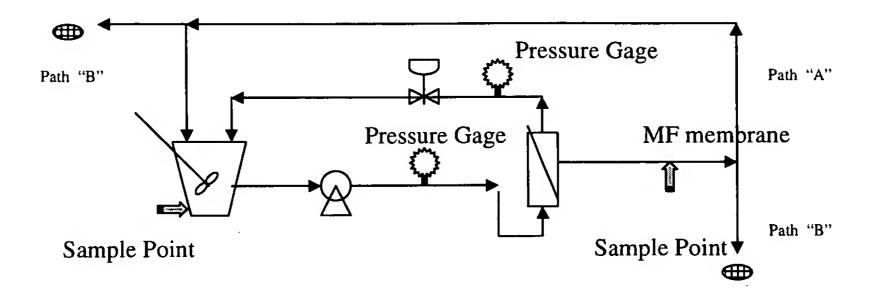
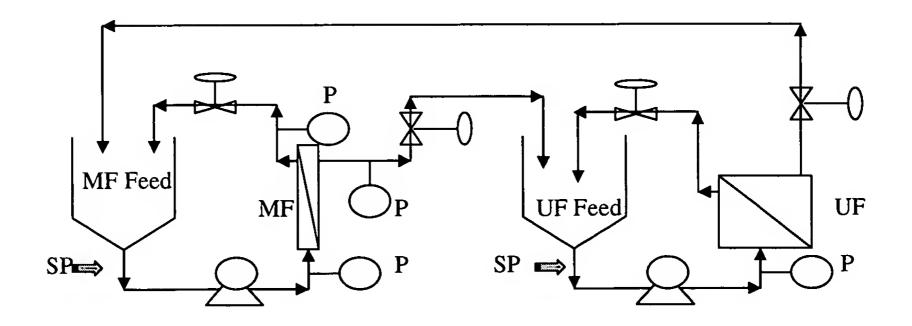
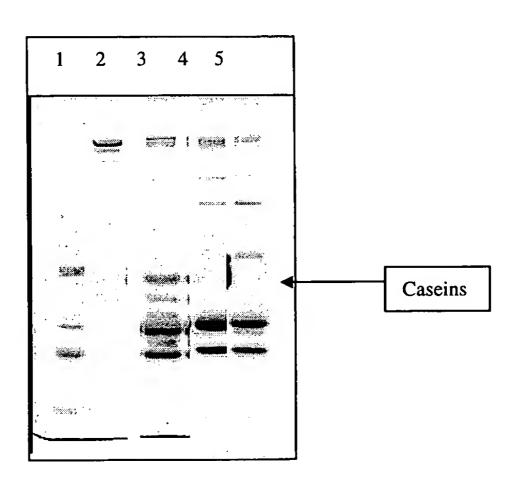


Figure 2B (Dual TFF System):



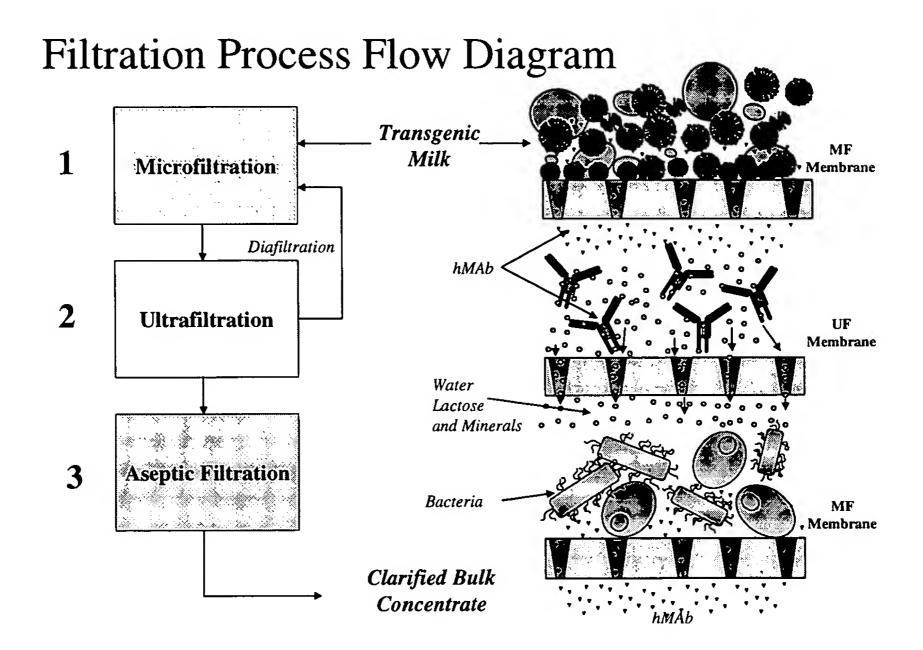
Shaded arrows represent sample points.

FIG. 3/19



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FIG. 4/19

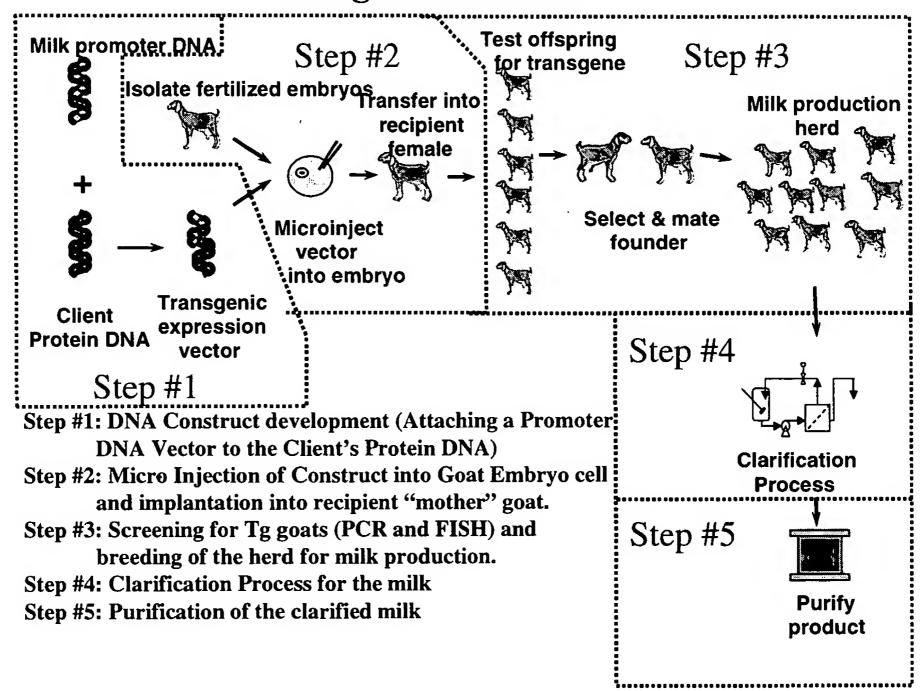


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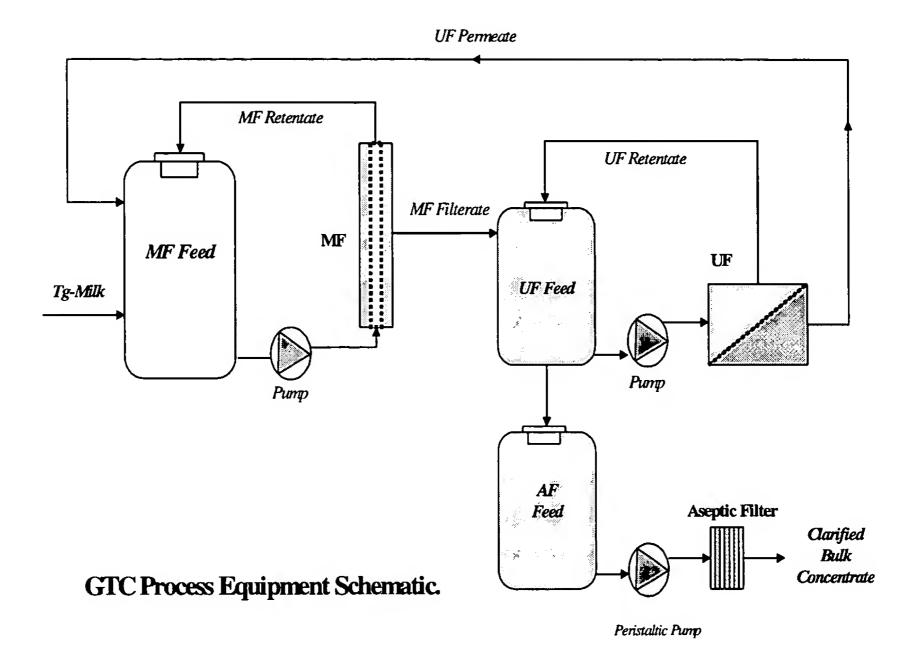
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#### FIG. 5/19

# **Transgenics Process**



**FIG.** 6/19



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FIG. 7/19

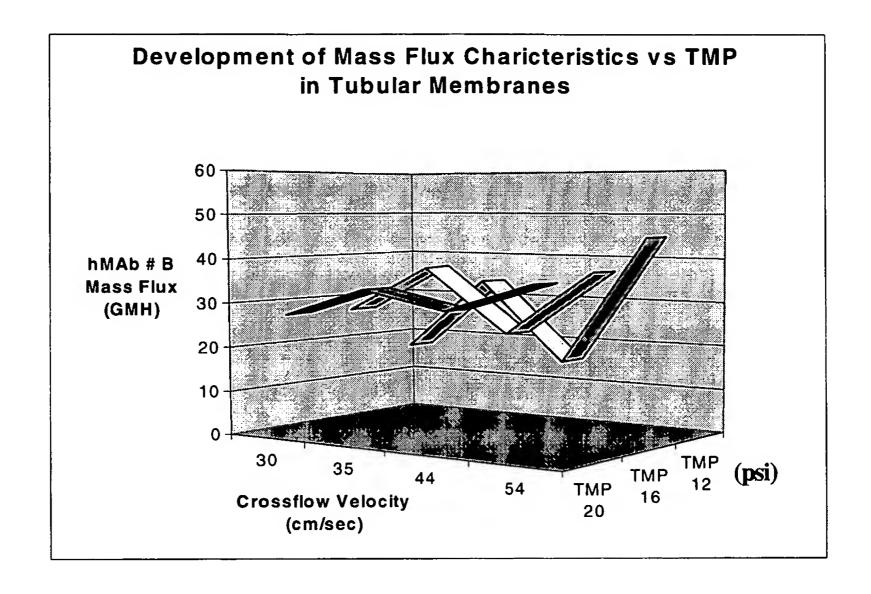
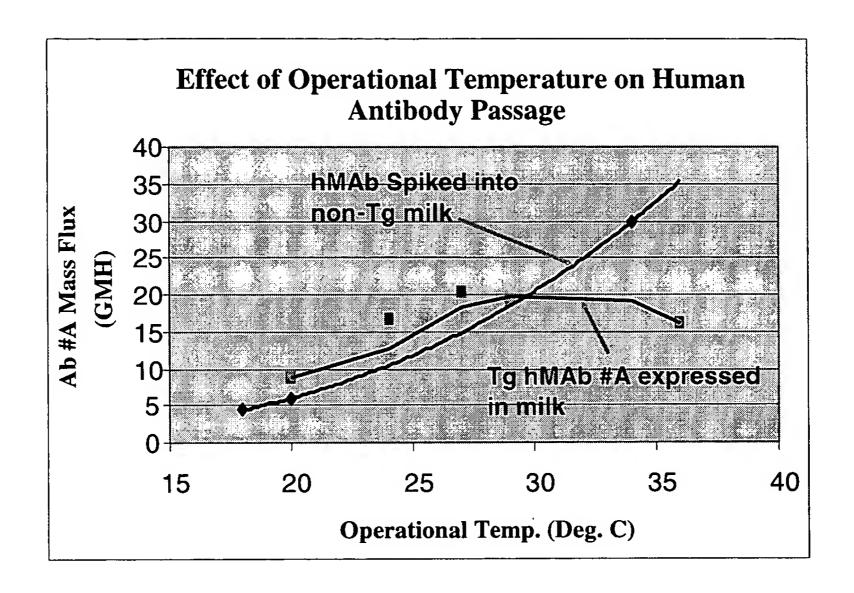


FIG. 8/19



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FIG. 9/19

#### Lane **SDS PAGE Analysis** $\underline{MW}$ (Non-Reduced) 185 Antibody 98 Serum albumin 52 Mag. 31 Casein 19 $\beta$ Lactoglobulin 11 ×.3 **A**lactalbumin ; **\***

#### **LaneSample**

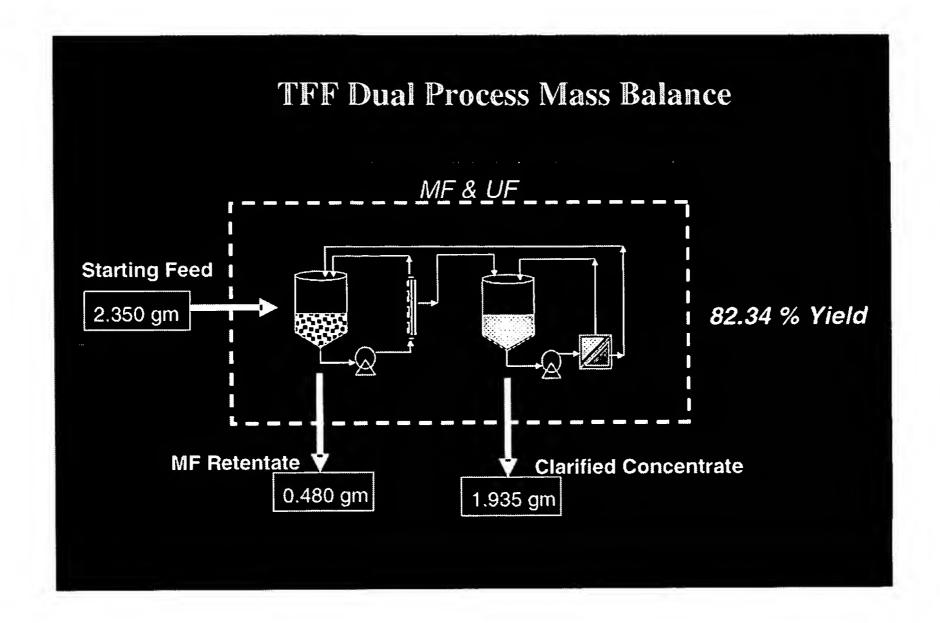
#### Lane Sample

- 1 MWStd
- Clarified MilkCoXic
- 2 Purified Human Antibody #A 7
- Clarified Milk@Mc
- 3 Tgwhole goats milk
- **M**Retentate
- 4 Clarified Milk

- Notegwhole goats milk
- Clarified MilkC2X1c

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FIG. 10/19



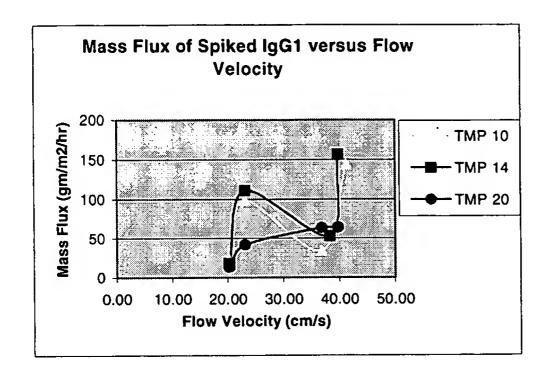
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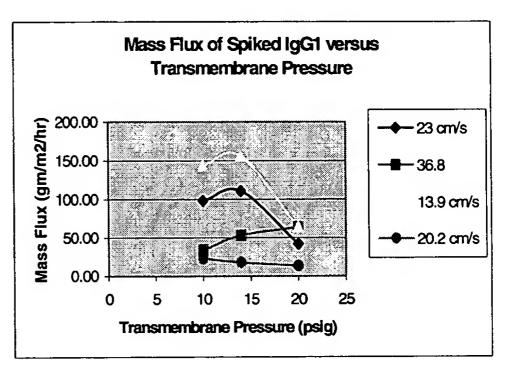
FIG. 11/19

#### **Spiking Study:**

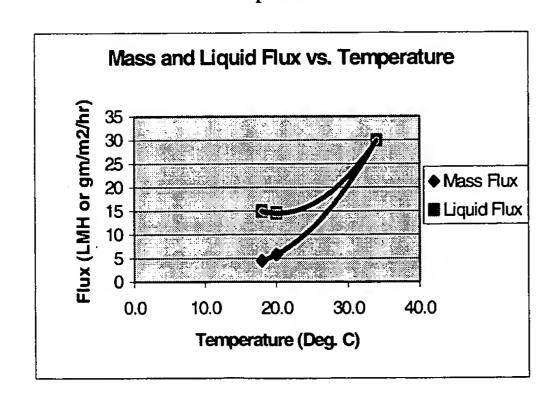
Graph #A



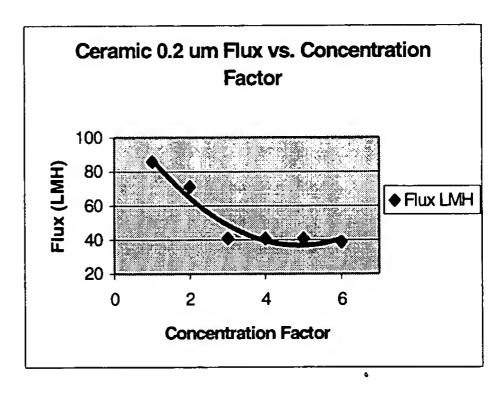
Graph #B



Graph #C



Graph #D



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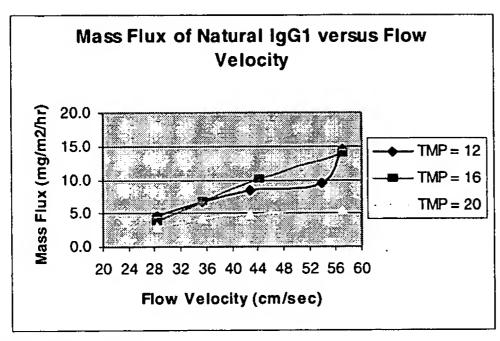
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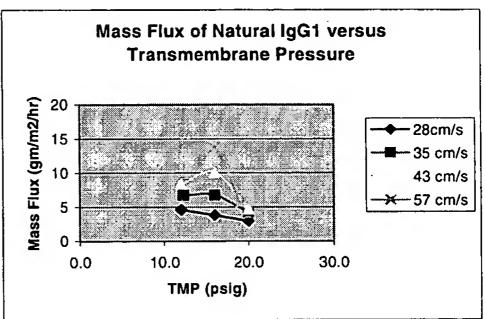
# FIG. 12/19

Tg Milk:

Graph #E

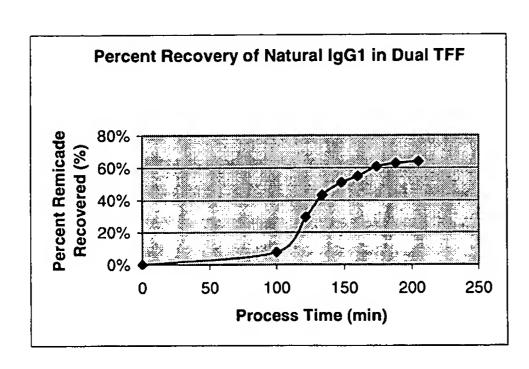
Graph #F



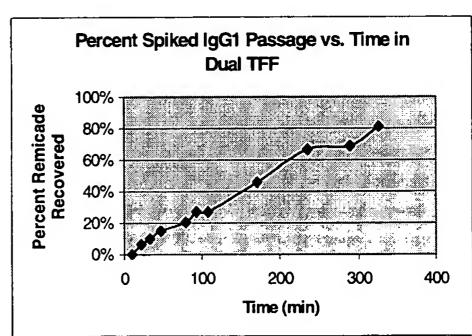


**Process Tests:** 

Graph #G



Graph #H



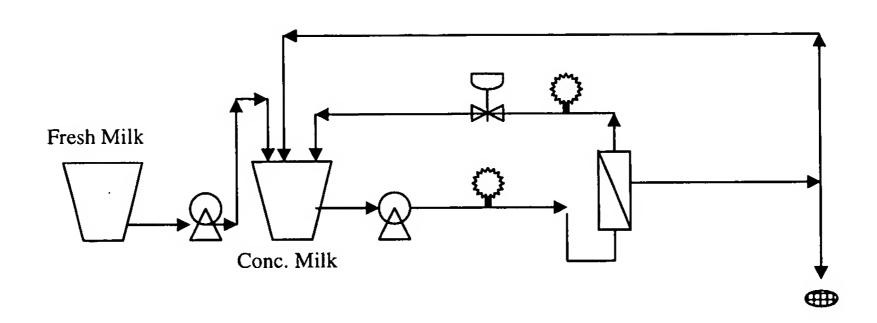
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# FIG. 13/19

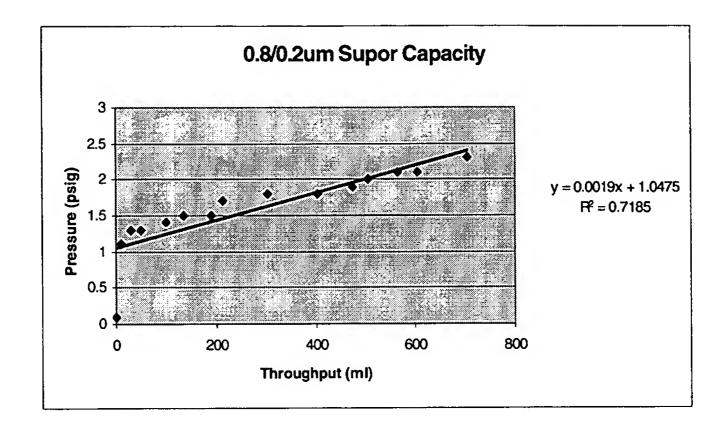
# Graph I



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FIG. 14/19

Graph J

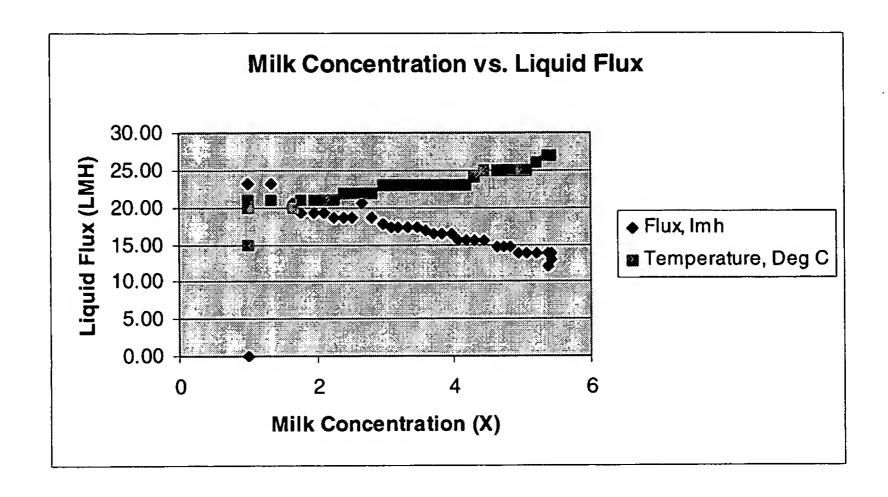


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# FIG. 15/19

Graph K

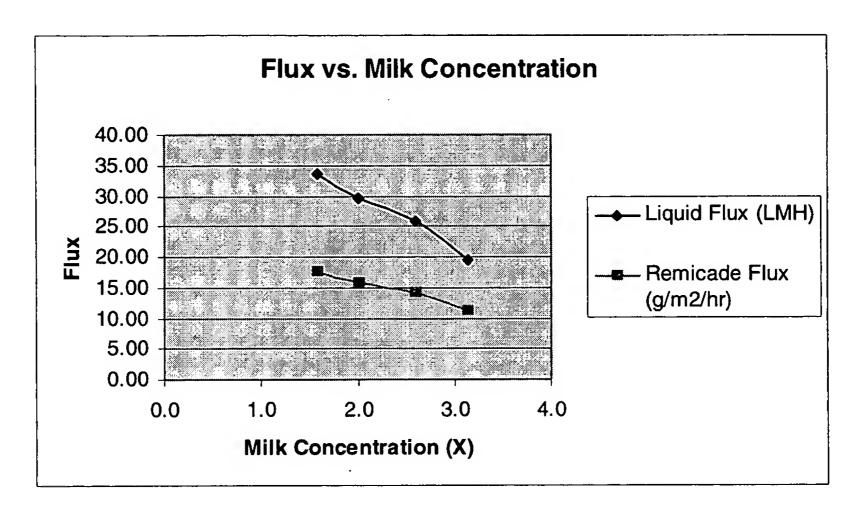


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FIG. 16/19

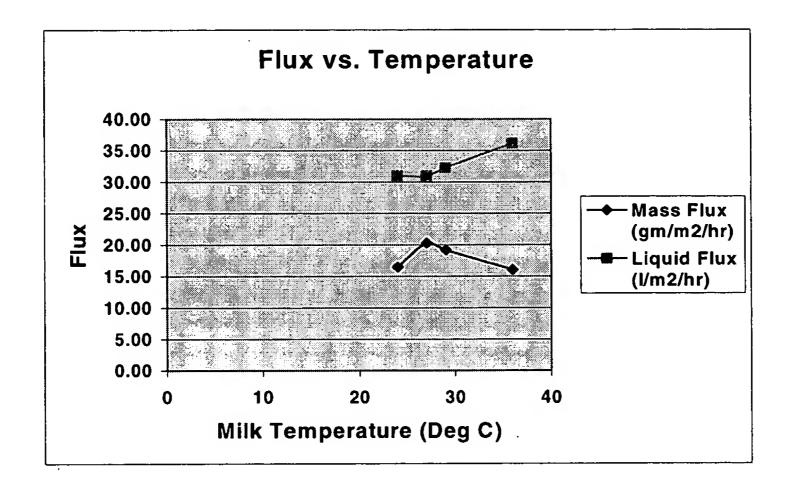
 $Graph \ L$ 



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FIG. 17/19

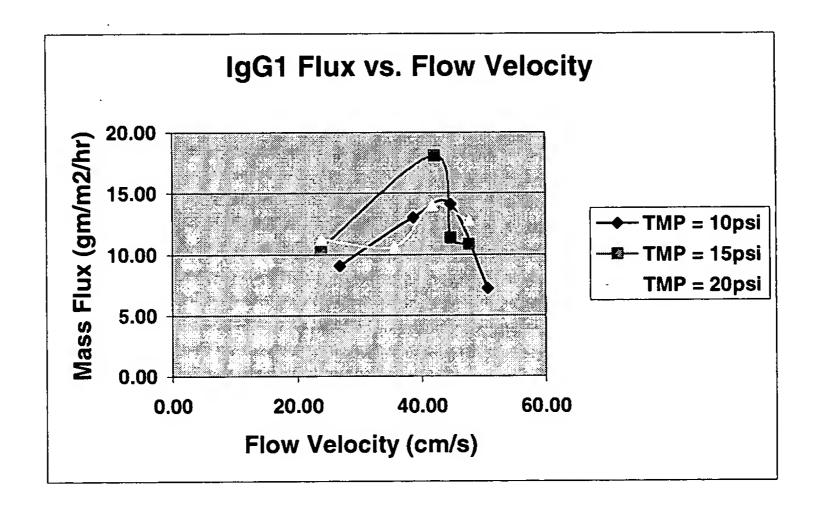
Graph M



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FIG. 18/19

Graph N



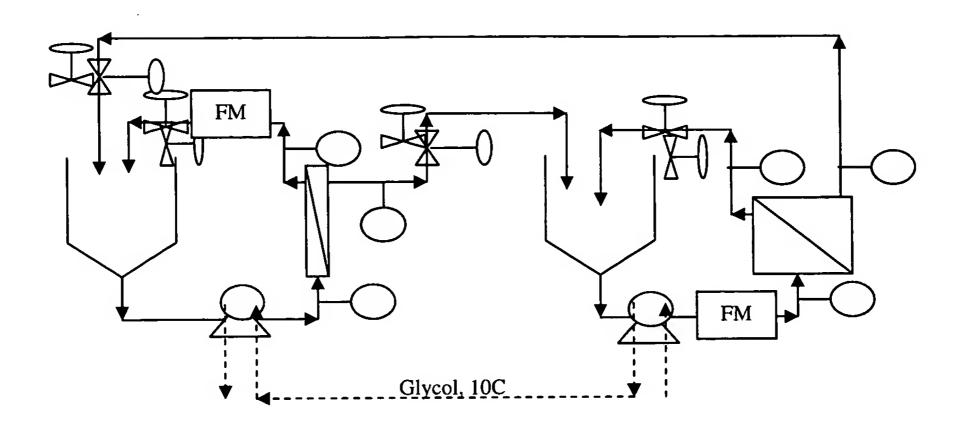
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# FIG. 19/19

Graph O



# Equipment assembled for cleaning

Graph P

